

FORM PTO-1449 <i>O I P E JC188</i> JAN 22 2003 PATENT & TRADEMARK OFFICE	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. ASMMC.033AUS	APPLICATION NO. 10/007,304
		APPLICANT Kim et al.	
		FILING DATE December 5, 2001	GROUP 2812 2814

U.S. PATENT DOCUMENTS

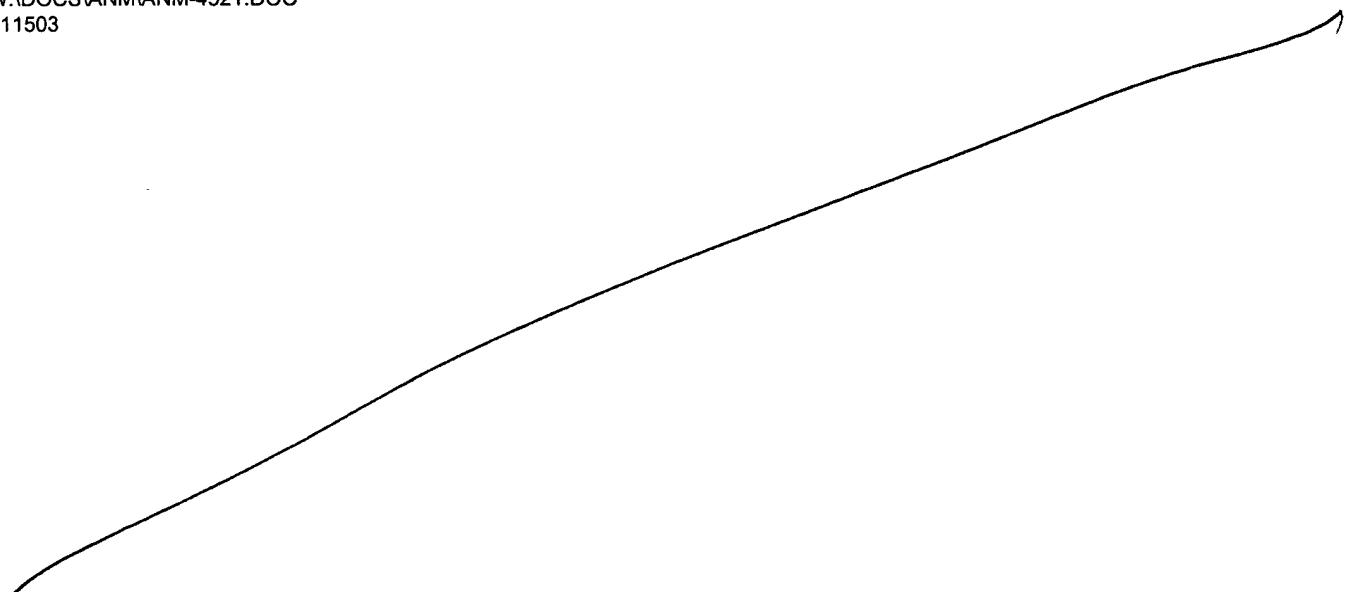
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>SR</i>	1	5,892,254	04/06/99	Park et al.			
<i>SR</i>	2	6,126,806	10/03/00	Uzoh			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>SR</i>	3	WO 00/75964 A2	12/14/00	PCT				
<i>SR</i>	4	63299250	12/06/88	Japanese Patent Abstract			X	
<i>SR</i>	5	11111919	04/23/99	Japanese Patent Abstract			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>SR</i>	6	Gong et al., "Interdiffusion and reaction in the Cu/TiN/Si thin film system," Applied Surface Science, Vol. 92, pp: 335-339, (Dec. 1994)
<i>SR</i>	7	Rha et al., "Improved TiN film as a diffusion barrier between copper and silicon," Thin Solid Films, Vol. 320, pp. 134-140, (May 4, 1998)

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EXAMINER	DATE CONSIDERED
<i>J</i>	
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT O 1 F 15 USE SEVERAL SHEETS IF NECESSARY:-	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASMMC.033AUS	APPLICATION NO. 10/007,384
		APPLICANT Kim et al.	
		FILING DATE December 5, 2001	GROUP 2814

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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